

PART 3: SCOPE OF WORK

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C3.1: *PURCHASER'S* GOODS INFORMATION

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1 Overview and purpose of the goods and services

The Contractor procures raw material, fabricate, supplies, delivers, and off-loads the burner corner spares for a period of 5 years at Kendal Power Station. This contract is on an 'as and when required' basis.

2 Specification and description of the goods

2.1 Detailed Scope of Work

2.1.1 General

The following are all the burner corner spares required to be supplied, included in the table are stock numbers, material descriptions and quantities

Item	Stock Number	Description	Estimated Qty
Plates, Pipes & Bars			
1	0185987	PIPE, SPECIAL PURPOSE: TYPE: FLEXIBLE; DIMENSIONS: ID 126 X OD 130 X LG 400 MM; MATERIAL: SS GR 316; RATING: 10 BAR; TO BE ABLE TO BEND WITHIN 400 MM RADIUS	160
2	0185986	PIPE, SPECIAL PURPOSE: TYPE: FLEXIBLE; DIMENSIONS: ID 89 X OD 93 X LG 700 MM; MATERIAL: SS GR 316; RATING: 10 BAR; TO BE ABLE TO BEND WITHIN 450 MM RADIUS	160
3	0185964	PIPE, SPECIAL PURPOSE: TYPE: FLEXIBLE; DIMENSIONS: ID 53.5 X OD 62 X LG 700 MM; MATERIAL: SS GR 316; RATING: 1 BAR; TO BE ABLE TO BEND WITHIN 350 MM RADIUS	160
4	198351	HOSE, NON-METALLIC: INSIDE DIAMETER: 60.3 MM; LENGTH: 1 M; MATERIAL: RUBBER; TYPE: SCANNER	200
5	0101431	JOINT, EXPANSION: MATERIAL: RUBBER; APPLICATION: SEAL AIR PIPES; DRAWING NO: BRN020015 REV 1; WITH CLAMPS FOR SEAL AIR PIPES	200
6	0775272	ARM ASSEMBLY: TYPE: MULTI LINK; DIMENSIONS: OD 48 X ID M20 X LG 1470 MM; MATERIAL: BS4360GR43A; FASTENING METHOD: SCREW AND PIN; BURNER TILT LINK ARM ASSEMBLY/NOZZLE ADJUSTING LINK ASSEMBLY, CONSISTS OF M20	125
7	0775274	BAR: TYPE: FLAT; DIMENSIONS: WD 40X THK 16 X LG 3000 MM; MATERIAL: BS4360GR43A; BELL CRANK DRIVE FLAT BAR, DIMENSIONS: 40MM X 16MM X 3M, MATERIAL: BS4360GR43A TO BE	160
8	0775233	PLATE: TYPE: SHEET; DIMENSIONS: LG 1250 X WD 2500 X THK 8 MM; MATERIAL: SA 240 GR 304	100
9	0751255	PLATE: TYPE: STANDARD SHEET; DIMENSIONS: WD 1200 X LG 2500 X THK 10 MM; MATERIAL: SA516 GRADE 70 OR BS 1501 GRADE 430B; APPLICATION: FABRICATION OF COMPONENT; MATERIAL CERTIFICATE EN 10204/3.1 TO BE SUPPLIED ON DELIVERY ALL DIMENSIONS IN MILLIMETRES UNLESS STATED OTHERWISE MATERIAL HEAT NUMBER AND MATERIAL TYPE TO BE HARD STAMPED ON EACH PART	80
10	0775232	PLATE: TYPE: SHEET; DIMENSIONS: WD 2500 X LG 1250 X 12 THK MM; MATERIAL: SA 516 GRADE 70 , BS 1501 GRADE 430; BOILER PLATE BOILER PLATE TO BE USE ON BURNER CORNER FLOOR	120
11	0571502	PLATE, METAL: MATERIAL: BS1501/151 GR 430A; STANDARD: BS1501/151 GR 430A; TYPE: MEMBRANE; WEIGHT: 141.7 KG; DIMENSIONS: WD 1.2 M X LG 2.4 M X THK 6 MM; MATERIAL CERTIFICATE TO BE SUPPLIED ON DELIVERY (EN 10204: 2004/3.1); HEAT NUMBER AND MATERIAL TO BE HARD STAMPED INTO EACH PLATE	180

Item	Stock Number	Description	Estimated Qty
Gaskets & Seals:			
12	190355	GASKET, PRE CUT: DIMENSIONS: ID 680 X OD 860 X THK 5 MM; PCD: 778 MM; HOLES: (12) DIA 20 MM; FOR SQUARE TO ROUND ON BURNERS, CORRIGATED, STEEL ON OUTSIDE WITH TEADIT BRAND STYLE 1002 NON-ASBESTOS FILLER	460
13	190423	GASKET, PRE CUT: DIMENSIONS: ID 680 X OD 820 X THK 5 MM; TYPE: FLANGE; MATERIAL: STL; SHAPE: RD; FOR SQUARE TO ROUND ON BURNERS, CORRIGATED, STEEL ON OUTSIDE WITH TEADIT BRAND STYLE 1002 NON-ASBESTOS FILLER, WITHOUT HOLES	460
14	193301	SEAL: DIMENSIONS: DIA 716 MM; MATERIAL: EPDM; APPLICATION: COUPLING; APPROXIMATELY 28 IN DIAMETER, FOR PF MILL	460
15	213094	SEAL: TYPE: STITCH TADPOLE DOOR; DIMENSIONS: DIA 10 MM X LG 1.75 M; MATERIAL: GLASS FIBER; APPLICATION: BACK PASS DOORS BOILER; TADPOLE SEALS WITH A TAIL LENGTH OF 40MM.	50
16	206069	GASKET, PRE CUT: DIMENSIONS: WD 145 X LG 230 X THK 1.5 MM; TYPE: IGNITOR; MATERIAL: ARAMID FIBER NBR BONDED; SHAPE: OVAL; SUPPL P/N: NA1002; CENTRAL HOLE 94MM ID	160
Nozzles:			
17	193345	ASSEMBLY: TYPE: AIR NOZZLE TIP; DRAWING NO: 0.64/29865 REV 1; ESKOM 0.64/29865 REV 1	460
18	193346	ASSEMBLY: TYPE: COAL NOZZLE TIP; APPLICATION: BOILER BURNER CORNER; DRAWING NO: 0.64/29862 REV.6 REV 1; 0.64/36544 REV 1; ESKOM 0.64/29862 REV 1	300
19	193342	ASSEMBLY: TYPE: ADJUSTABLE COAL NOZZLE TIP; DRAWING NO: ESKOM 0.64/36544 REV 1; 0.64/36544 REV 1	300
20	193344	ASSEMBLY: TYPE: AIR NOZZLE TIP; DRAWING NO: ESKOM 0.64/36546 REV 1; 0.64/36546 REV 1	280
21	193343	ASSEMBLY: TYPE: OIL NOZZLE TIP; APPLICATION: BURNER COVER; DRAWING NO: ESKOM 0.64/36548 REV 1; 0.64/36548 REV 1	150
22	193347	CASTING: TYPE: RECT TO RD; DIMENSIONS: WD 0.613 X LG 680 MM; MATERIAL: CI; REFERENCE NO: 41675 0; 630 MM OUTSIDE DIAMETER; USED ON BOILER PLANT; DIAMETER 660 MM PULVERISED FUEL PIPE; COAL NOZZLE TRANSITION PIECE; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	300
23	0098682	PLATE: TYPE: COAL NOZZLE SEAL; MATERIAL: STAINLESS STEEL; DRAWING NO: 902-2862-A REV 1; REFERENCE NO: 53823; FT3-050-316	300
24	0728333	ASSEMBLY: TYPE: ASSEMBLY; APPLICATION: BOILER BURNER CORNER OIL COMPARTMENT; DIMENSIONS: L1380 X W 708 X H 850 MM; MATERIAL: 1215CS; COMPRISING: 146.6 KG; BURNER CORNER OIL COMPARTMENT ASSEMBLY TOTAL MASS 146.6 KG MATERIAL 1215 CARBON STEEL LENGTH 1380 MM WIDTH 707 MM OVERALL HEIGHT 850 MM. IT IS THE VENDORS RESPONSIBILITY TO ENSURE THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER IF APPLICABLE	180
25	0206995	BELL CRANK: TYPE: ITEM M LH (WITH /WITHOUT KEY HOLES)	450
26	0206996	BELL CRANK: TYPE: ITEM M RH (WITH /WITHOUT KEY HOLES)	450
27	0193349	SHAFT: TYPE: BURNER TILT DRIVE; LENGTH: 425 MM; MATERIAL: 1.25CR34MO ALLOY; DRAWING NO: B902.2582 REV 1; LEFT HAND	150
28	0193348	SHAFT: TYPE: BURNER TILT DRIVE; LENGTH: 425 MM; MATERIAL: 1.25CR34MO ALLOY; DRAWING NO: ABB B902.2583 REV 1; B902.2583 REV 1; RIGHT HAND	150

Other:			
Item	Stock Number	Description	Estimated Qty
Other:			
29	194316	PIN, COTTER: DIAMETER: 3 MM; LENGTH: 75 MM; MATERIAL: STL; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	500
30	0215581	PIN: TYPE: PIVOT; DIAMETER: 24 MM; LENGTH: 95 MM; MATERIAL: SS GR 304; DRAWING NO: 0.64/41547 REV 1; FOR USE WITH BURNERS, KNUCKLE TYPE, ESKOM	200
31	40874	BULB, TEMPERATURE: TYPE: TURBINE FIRE PROTECTION; RANGE: 68 DEG C; DIMENSIONS: WD 35 X LG 50 MM; MATERIAL: BRASS; QUARTZOID, RED; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	150
32	0079224	BLADE, KNIFE: TYPE: TRIMMING; DIMENSIONS: WD 19 X LG 60 X THK 0.6 MM; MATERIAL: STL; SUPPL P/N: 1992; HEAVY DUTY	120
33	0059588	CLAMP, HOSE: TYPE: UNIVERSAL; INSIDE DIAMETER: 48-70 MM; WIDTH: 10 MM; MATERIAL: STL; FASTENING DEVICE TYPE: WORM; SUPPL P/N: 32036	200
34	0086698	ROD, THREADED: DIAMETER: 16 MM; THREAD: 2 MM; LENGTH: 3 M; MATERIAL: STL; PROCESS: HOT ROLLED	100
Samples:			
35	0775782	PLATE: TYPE: GUIDE; DIMENSIONS: LG140 X HT60 X TH10 MM; MATERIAL: SS 309; SUPPORT BRACKET FOR SQUARE TO ROUND COMPRISING OF BASE PLATE, 140X140X10THK	240
36	0775794	PIN: TYPE: DOWEL; DIAMETER: 16 MM; LENGTH: 60 MM; MATERIAL: SS 18-8NI AISI303; PIN 16MM DIAMETERX38LBS PLAIN	500
Added:			
37	98448	TAPE, ELECTRICAL: WIDTH: 50 MM; LENGTH: 30 M; MATERIAL: GLASS FIBER; COLOR: WHITE; STYLE 160; 3.2MM THK	40
38	190344	PACKING, BULK: WIDTH: 20 MM; THICKNESS: 20 MM; MATERIAL: GLASS FIBER YARN PTFE IMPREGNATED; TYPE: BRAIDED DIAGONALLY; SHAPE: SQ; SUPPL P/N: 2422	50
39		LH BELL CRANK WITH KEY-HOLE	150
40		RH BELL CRANKS WITH KEY-HOLE	150
41		SQUARE TO ROUND DIVERTER PLATES L/H	50
42		SQUARE TO ROUND DIVERTER PLATES R/H	50
43	161439	LUBRICANT: TYPE: MULTI PURPOSE; FORM: SPRAY; CONTAINER: CAN AEROSOL 500 G; SPANJAARD SPARK, NON-FLAMMABLE, ANTI-CORROSIVE, WATER DISPLACING; MATERIAL SAFETY DATA SHEETS WITH ENVIRONMENTAL INFORMATION IN THE 16 POINT FORMAT TO BE PROVIDED WITH EVERY DELIVERY AS REQUIRED BY THE OCCUPATIONAL HEALTH AND SAFETY ACT	12
44	109478	CLOTH, ABRASIVE: TYPE: SANDING; FLINT/EMERY GRADE DESIGNATOR: 150; OVERALL WIDTH: 50 MM; LENGTH: 50 M; ABRASIVE MATERIAL: AL OXIDE; BACKING MATERIAL: PAPER; ECONOMY ROLLS; BOND	10
45	59588	CLAMP, HOSE: TYPE: UNIVERSAL; INSIDE DIAMETER: 48-70 MM; WIDTH: 10 MM; MATERIAL: STL; FASTENING DEVICE TYPE: WORM; SUPPL P/N: 32036	500
46	198212	PIN, COTTER: DIAMETER: 1.5 MM; LENGTH: 40 MM; MATERIAL: STL; VENDORS ARE RESPONSIBLE FOR ENSURING TH	2400
47		LOCKING PLATES FLAT BAR	100
48		FAN DIFFUSER PLATES	200
49		STIFFENERS FOR COAL NOZZLE	600
Nuts, Bolts and Washers			

50	84153	BOLT, MACHINE: DIAMETER: M10; LENGTH: 40 MM; HEAD: HEX; MATERIAL: SS GR A2-70; THREAD: 1.5 MM	500
51	84563	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M10; LENGTH: 50 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 30 MM; THREAD: 1.5 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	500
52	84574	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M12; LENGTH: 50 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 30 MM; THREAD: 1.75 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	500
53	87514	WASHER, LOCK: INSIDE DIAMETER: 12.4 MM; OUTSIDE DIAMETER: 17.9 MM; THICKNESS: 2.35 MM; NOMINAL SIZE: M12; MATERIAL: STL; TYPE: HELICAL SPRING, SPLIT; GRADE: 4.6	1000
54	84574	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M12; LENGTH: 50 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 30 MM; THREAD: 1.75 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	500
55	86698	ROD, THREADED: DIAMETER: 16 MM; THREAD: 2 MM; LENGTH: 3 M; MATERIAL: STL; PROCESS: HOT ROLLED	1000
56	80979	SCREW, SET: NOMINAL THREAD DIAMETER: M16; THREAD: 2 MM; THREAD LENGTH: 40 MM; HEAD STYLE: HEX; MATERIAL: HTS; SPECIFICATION: SABS136; GRADE: 8.8	1000
57	87679	NUT, HEX: DIAMETER: M16; THREAD: 2 MM; NUT HEIGHT: 12.5 MM; MATERIAL: HTS; GRADE: 8; SPECIFICATION: SABS 136	1000
58	84262	BOLT, MACHINE: DIAMETER: M10; LENGTH: 130 MM; HEAD: HEX; MATERIAL: XC38; OEM P/N: NFE 27.311, OEM: GE STEAM POWER SERVICE	500
59	84600	BOLT, MACHINE: DIAMETER: M20; LENGTH: 100 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD: 2.5 MM	500
60	84263	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M20; LENGTH: 75 MM; HEAD: HEX; GRADE: 4.6; MATERIAL: MS; THREAD LENGTH: 48 MM; THREAD: 2.5 MM; NUT QUANTITY: 1; NUT MATERIAL: MS; NUT GRADE: 4.6; BOLT PROTECTIVE COATING: BLACK; SPECIFICATION: SABS 135	1000
61	83673	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M20; LENGTH: 90 MM; HEAD: HEX; GRADE: 8.8; MATERIAL: HTS; THREAD LENGTH: 50 MM; THREAD: 2.5 MM; NUT QUANTITY: 1; NUT MATERIAL: HTS; NUT GRADE: 8.8; SPECIFICATION: SABS 136	500
62	87517	WASHER, LOCK: INSIDE DIAMETER: 23 MM; OUTSIDE DIAMETER: 33.7 MM; THICKNESS: 4.8 MM; NOMINAL SIZE: M22; MATERIAL: STL; TYPE: SPLIT HELICAL RING; GRADE: 4.6	500
63	84613	BOLT, ASSEMBLY: TYPE: GENERAL PURPOSE; NOMINAL DIAMETER: M24; LENGTH: 100 MM; HEAD: HEX; GRADE: 4.6;	500
64	87512	WASHER, LOCK: INSIDE DIAMETER: 8.6 MM; OUTSIDE DIAMETER: 12.8 MM; THICKNESS: 2 MM; NOMINAL SIZE: M8;	500
65	87702	WASHER, FLAT: NOMINAL SIZE: M16; INSIDE DIAMETER: 17 MM; OUTER SIZE: 35 MM; THICKNESS: 3 MM; MATERIA	500
66		M30 150MM BOLT	500
67		M30 NUT	500
68		M10 75MM HT BOLT	1000
69		M8 30MM BOLT & NUT	500

2.1.2 Corrosion Protection

The contractor is required to provide the necessary coating required to preserve for storage purposes

2.1.3 Codes and Standards

The design codes and standards which need to be adhered to are given below:

Governing

- a) OHS Act - Occupational Health and Safety Act No.85 of 1993
- b) 240-51544462 - Integrated Demand Management Supplier Contract Quality Requirements Specification
- c) BS EN 10204:2004 Metallic Products: Types of Inspection Documents

Corrosion protection

- d) 36-681 Eskom Protective Coating Standard

Configuration management

- e) 240-76992014 - Project/Plant specific technical documents and records management work instruction

Environment

- f) Refer to the SHEQ Policy statement 32-727 and ISO 14001

Risk management

- g) Risk assessment shall comply with the following documents:
 - Kendal Quality Management Manual *1017374
 - Kendal Integrated Risk Management Procedure *1017401

Competence

- h) Refer to Kendal Quality Management Manual *1017374. Section 6.2.2

Equipment requirements

- i) Refer to Kendal Quality Management Manual *1017374. Section 7.6

2.2 Quality control Plan

A contractor is required to develop a detailed fabrication/manufacturing quality control plan to be approved by Eskom in accordance to Kendal's Quality Management Manual *1017374.

3 Supply Requirements

The Supply Requirements for this contract are in an Annexure to the Contract Data provided by the *Purchaser*.

All deliveries must be done at the Kendal Power Station Stores Receiving

The delivery note must reference the order

Deliveries must be made between 07:15 – 16:30 Monday to Thursday and Friday 07:15 -12:15

At times during weekends or weekdays after hours, Special deliveries might be requested during plants breakdowns

4 Constraints on how the *Supplier* Provides the Goods

4.1 Programming constraints

- When delivery materials to site, each item must be marked with the purchase order number.
- Eskom Holdings Limited will only accept items stipulated in the Eskom Holding Limited 's purchase order
- No delivery will be made without a purchase order number (450.....)
- Wrong deliveries will not be accepted and will be returned to be supplier
- Quality check will be done, and material with poor quality will be returned without exceptions. The supplier will have to replace the goods
- The price include delivery but excludes VAT
- Material damaged due to inadequate protection will not accepted on site. You are urged to ensure that sufficient packing protection is given to goods that may be susceptible to damage in transit

4.2 Constraints at the delivery place and place of use

- When delivering materials to site, each item must be marked with Material number and they must be on pallets.
- Eskom Holdings Limited will only accept items stipulated in the Eskom Holdings Limited 's purchase order.
- No delivery will be made without a purchase order number (450....)
- Wrong deliveries will not be accepted and will be returned to the supplier
- Quality Check will be done and material with poor quality will be returned without exceptions. The supplier will have to replace the goods.
- The supplier will deliver the quantities as per the order and perform Mill inspection every two weeks.
- The prices includes delivery but excludes VAT
- Material damaged due to inadequate protection will not be accepted on site. The Supplier is urged to ensure that sufficient packing protection is given to equipment that may be susceptible to damage in transit.

4.3 Services & other things to be provided by the *Purchaser* or *Supplier*

During off loading, Eskom will assist with a fork lift. It will be appreciated if the driver off-loading the material can have a permit to operate fork lift should there be a need, this will fast track the off loading process.

4.4 Management meetings

Regular meetings of a general nature may be convened and chaired by the *Supply Manager* as follows:

Title and purpose	Approximate time & interval	Location	Attendance by:
Risk register and compensation events	As an when required	Kendal Power Station	Purchaser, Supplier and stakeholders from both parties as and when required

Meetings of a specialist nature may be convened as specified elsewhere in this Goods Information or if not so specified by persons and at times and locations to suit the Parties, the nature and the progress of the manufacture of the *goods*. Records of these meetings shall be submitted to the *Supply Manager* by the person convening the meeting within five days of the meeting.

All meetings shall be recorded using minutes or a register prepared and circulated by the person who convened the meeting. Such minutes or register shall not be used for the purpose of confirming actions or instructions under the contract as these shall be done separately by the person identified in the *conditions of contract* to carry out such actions or instructions.

4.5 Documentation control

All documents submitted by the supplier shall be of good quality and shall be subject to the Purchaser's approval. All goods to be delivered must be accompanied by a delivery note as per the purchase order.

4.6 Health and safety risk management

The Supplier shall comply with health and safety requirements as stated below:

The supplier will be required to comply with Eskom's SHE (Safety, Health and Environmental) standards, the Occupational Health and Safety Act (No. 85 of 1993), and ISO 45001 safety management systems. In addition the supplier should familiarise themselves with the requirements of the following standards and Procedures: Incident Management Procedure: 32-95, Eskom SHEQ Policy: 32-727, Personal Protective Equipment standard: 240-44175132, and all other applicable standards and guidelines that are relevant in managing and controlling hazards and risks associated with Power Station activities.

4.7 Environmental constraints and management

The Environmental compliance is a critical component of all refurbishment and maintenance activities. These activities must strictly adhere to Eskom's Environmental Management Plan (EMP), internal environmental management standards, and all relevant legislation, including the National Environmental Management Act (NEMA) and the Hazardous Substances Act. Furthermore, the supplier is required to demonstrate compliance with ISO 14001:2015 environmental management standards to ensure sustainable and responsible operations.

4.8 Quality

The Supplier to comply with the latest contractor quality management specification 240-105658000 and ISO:9001 requirements as per the relevant category from 240-105658000 and other Eskom Holdings SOC Limited's Standards and specifications.

4.9 Invoicing and payment

Within one week of receiving a payment certificate from the *Supply Manager* in terms of core clause 51.1, the *Supplier* provides the *Purchaser* with a tax invoice showing the amount due for payment equal to that stated in the *Supply Manager's* certificate.

The *Supplier* shall address the tax invoice to *Purchaser*

Eskom Holdings SOC Ltd
Kendal Power Station
Private Bag X7272
Emalahleni
1035

and include on each invoice the following information:

- Name and address of the *Supplier* and the *Supply Manager*;
- The contract number and title;
- *Supplier's* VAT registration number;
- The *Purchaser's* VAT registration number.
- Description of *goods* and *services* provided for each item invoiced based on the Price Schedule;
- Total amount invoiced excluding VAT, the VAT and the invoiced amount including VAT;
- If there is a Cost Price Adjustment (CPA) on your invoice, it is recommended that the Contractor issue a separate invoice for CPA so that if there are any issues on the CPA the rest of the invoice can be paid while resolving the CPA issues.

All invoices to be submitted to invoiceseskomlocal@eskom.co.za after the monthly service.

It is important that the value stated on the Invoice must be the same as the value stated on the Order. If the invoice value is different from the Order value payment of the invoice will be delayed. It is strongly recommended that if there are any discrepancies on the Invoice, it be rectified BEFORE it is submitted for payment.

4.10 Insurance provided by the *Purchaser*

In accordance with SC3 Core Clause 84.1, the *Purchaser* provides the insurances stated in the Contract Data.

5 Procurement

5.1 Supplier Development Localisation and Industrialisation (SDL&I) Requirements

5.1.1 B-BBEE Requirements

Tenderer is required to improve and/or at a minimum maintain their BBBEE status throughout the contract period.

5.1.2 Local Procurement Content

Local Procurement Content" refers to value added in South Africa by South African resources. Where a single contract involves a combination of local and imported goods and/or services, the tender response must be separated into its components as per the Price Schedule included with the tender documents. Local procurement content is total spending minus the imported component.

Tenderers are required to submit their proposals in the table below.

Local Procurement Content	Eskom target	Tenderer Proposal
	100%	

5.1.3 Job Opportunities

Tenderers are required to submit proposals for the type and number of jobs that will be created and retained in South Africa as a direct result of being awarded a contract

Type of Jobs to be created	Number of Jobs to be created
Type of Jobs to be retained	Number of Jobs to be retained

NB: Tenderers are encouraged to source candidates from the Kendal Feeder areas for job opportunities

5.1.4 Skills Development

Skills development is designed to benefit the currently unemployed graduates or those fresh from school: further education and training on campuses and universities.

The composition of these candidates must be representative of the population demographics of South Africa. Note that these targets for skills development candidates categorically exclude Eskom employees but only registered learners. This is how it will apply:

- ✓ This obligation will be for the duration of the contract however the supplier needs to demonstrate positive progress monthly.
- ✓ Candidates shall be sourced from previously disadvantage groups in South Africa, particularly at the site where the services will be taking place.
- ✓ The bursary must be for a minimum period of 24 months

Skill type / Occupation	Eskom target	Entry Level	Output	Tenderers Proposal
Bursary to learners at the university/university of technology	4	1 st or 2 nd	Bachelor's degree/National Diploma	

NB: Tenderers are encouraged to source candidates from the Kendal Feeder areas for skills development opportunities.

The process of developing these skills shall involve the participation by tenderers directly and through their supply network. In certain cases, the SETA's accredited training providers can be approached to participate in developing critical and scarce skills.

Note: That these targets for skills development candidates categorically exclude Eskom employees and registered learners. The tenderers are required to take full responsibility for the total cost of developing the requisite skills, and Eskom shall not make any financial contribution towards the fulfilment of this obligation. Tenderers also are advised to approach their relevant SETAs to access grants, subsidies, and incentives as well as South African Revenue Services for tax rebates that are earmarked for skills development initiatives

5.1.5 SDL&I Penalty and Performance Security

Eskom will apply a penalty of 2% of the Contract Value for failure to meet SDL&I obligations.

For the duration of the contract, Eskom will retain 2% of every invoice (excluding VAT) as security for the fulfilment of all SDL&I Obligations. The retained amounts shall only be released to the Contractor upon fulfilment of all SDL&I obligations by the contractor

5.1.6 Reporting and Monitoring

- The suppliers shall on a quarterly basis submit a report to Eskom in accordance with Data Collection Template on their compliance with the SDL&I obligations described above.
- Eskom shall review the SDL&I reports submitted by the suppliers within 30 (thirty) days of receipt of the reports and notify the suppliers in writing if their SDL&I obligations have not been met.
- Upon notification by Eskom that the suppliers have not met their SDL&I obligations, the suppliers shall be required to implement corrective measures to meet those SDL&I obligations before the commencement of the following report, failing which Retention clauses shall be invoked.
- Every contract shall be accompanied by the SDL&I Implementation Schedule, which must be completed by the suppliers and returned to SDL&I representative for acceptance 28 days after contract award. This will be used as a reference document for monitoring, measuring and reporting on the supplier's progress in delivering on their stated SDL&I commitments

5.2 Corporate Social Investment (CSI)

The supplier to propose in percentage or value.

Kendal Power Station Specific Constraints
Rev 11 August 2018
Index

1. The Contracting Party notes and complies with the following
2. Security Arrangements
3. Health and Safety
 - 3.1 Plant Safety Regulations
 - 3.2 Fire Precautions
 - 3.3 Reporting of accidents
 - 3.4 Speed limit
 - 3.5 Health and Safety Arrangements and requirements for the Health & Safety File
 - 3.6 Vehicle and driver safety
 - 3.7 Eskom Life Saving Rules
 - 3.8 Thermal and Flash Suits – Personal Protective (if applicable)
 - 3.9 Generation Plant safety regulations 32-681 - Appointment of a Responsible Person, Appointed Person and/or an Authorised Supervisor - Rev 0 - May 2008
 - 3.10 Authorisation of contractors in term of ORHVS (Operating Regulations for High Voltage Systems) and PSR (Plant Safety Regulations)
 - 3.11 Barricading / Screens and Scaffolding
 - 3.12 Asbestos (If applicable)
4. Construction, Erection and Maintenance work on site
5. Use of Eskom Holdings SOC Limited's Tools and Equipment
6. Plant Identification Labels
7. Quality Requirements
8. Waste Disposal
9. Hazardous substances
10. Environmental requirements
11. Contracting Party terms and conditions of employment
12. Rigging, working at elevated places and with mobile equipment
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14. Messing Facilities
15. Medical Facilities
16. Scrap Removal
17. Irregularities
18. Abuse of alcohol and/or intoxicating substances
19. Assessment and invoicing
20. Cost Price Adjustment (CPA) implementation
21. Invoice price versus order price
22. Labour

Legend for the contract persons under the NEC Family of Contracts:

Form of NEC Contract	Eskom Holdings Limited	The contract person representing Eskom Holdings Limited	The Contracting Party	Tick ✓ and highlight the box applicable to this Contract
ECC3 – The Engineering and Construction Contract	<i>The Employer</i>	<i>The Project Manager</i>	<i>The Contractor</i>	
ECSC3 – The Engineering and Construction Short Contract	<i>The Employer</i>	<i>The Employer's Representative</i>		
TSC3 – The Term Service Contract	<i>The Employer</i>	<i>The Employer's Representative</i>		
TSSC3 – The Term Service Short Contract	<i>The Employer</i>	<i>The Employer's Representative</i>	<i>The Contractor</i>	
PSC3 – The Professional Services Contract	<i>The Employer</i>	<i>The Employer's Agent</i>	<i>The Consultant</i>	

Legend for the contract persons under the Eskom Holdings SOC Limited Contracts:

Form of Eskom Holdings SOC Limited Contract	Eskom Holdings SOC Limited	The contract person representing Eskom Holdings Limited	The Contracting Party	Tick ✓ and highlight the box applicable to this Contract
Eskom's Standard Condition of Tendering	<i>The Purchaser</i>	<i>The End user</i>	<i>The Supplier</i>	
SC3 – The Supply Contract	<i>The Purchaser</i>	<i>The Purchaser's Representative</i>	<i>The Supplier</i>	✓

1. The Contracting Party notes and complies with the following:

- Eskom Holdings Limited reserves the right to have any of the Contracting Party's personnel removed from site without cancelling the contract if, in Eskom Holdings SOC Limited's opinion, it is warranted.
- Eskom Holdings SOC Limited reserves the right to request disciplinary/corrective action if, and when, required.
- The Contracting Party operates under the direction and instructions of the Kendal Power Station Manager or such person/s as may be appointed by him if not in conflict with the Occupational Health and Safety Act and the Generation Plant and Safety Regulations.
- The Contracting Party maintains a high standard of workmanship expected by Eskom Holdings SOC Limited and complies with any quality assurance and quality procedures implemented by Eskom SOC Holdings Limited.
- The Contracting Party provides all overalls for his staff with clearly identifying motifs.
- The Contracting Party provides the necessary supervision to ensure that activities are conducted safely.

2. Security Arrangements:

- The Contracting Party applies for a photo permit (if on site for longer than two- (2) months) at Protective Services at the Kendal Power Station main security gate, prior to the start of any work on site.
- All Contracting Party's personnel are issued with a temporary access permit if not on site for at least two- (2) months which contains the following information:
 - Name
 - ID Number
 - Company
 - Validity date

- c) In order to assist Protective Services with the issuing of permits and the identification of personnel on site, the Contracting Party supplies a list of all personnel that he intends using on site, at least 24-hours prior to entry of the Kendal Power Station Security Area. This list is hand delivered to Protective Services, or can be faxed to (013) 647-9100. The list, identified with the Contracting Party's name, contains the following information:
 - Employee name
 - Employee ID Number
 - Signature of the contract person representing Eskom Holdings SOC Limited
 - Copy of the first page of the ID book of every employee of the Contracting Party
- d) The list of details is completed on the special form attached to the Contractor's Safety Manual, available on request from the contract person representing Eskom Holdings SOC Limited.
- e) The Contracting Party's personnel are required to be in possession of their Contractor's Permits at all times.
- f) All Contractor Permits are submitted to Protective Services when the relevant personnel leave the site after completion of the work.
- g) Lost permits are paid for by the Contracting Party to Protective Services at a cost of R200,00 per lost permit.
- h) The Contracting Party's visitors and all personnel conform at all times, to the security arrangements in force at the time. Application forms for visitors are filled in by the Contracting Party's Site Manager and approved by the contract person representing Eskom Holdings SOC Limited, one- (1) day before the visit and submitted to the Protective Services office. Visitors are not allowed on site if the necessary forms are not in the possession of security staff.
- i) The Chief of Protective Services may with valid cause remove any of the Contracting Party's personnel from the site, either temporarily or permanently. He may deny access to the site to any person, whom, in the opinion of the said Chief of Protective Services, constitutes a security risk.
- j) No unauthorised vehicles are allowed on site. Only the Contracting Party's vehicles with displayed Contract Vehicle Permit disks are allowed on site. Contract Vehicle Permit applications are directed to the contract person representing Eskom Holdings SOC Limited.
- k) The Contracting Party is restricted to the areas associated with his place of work. The Contracting Party is forbidden to enter any other areas, and ensures that his employees, subcontractors and/or sub consultants abide by these regulations.
- l) Parking inside the Kendal Power Station building is strictly forbidden, except for loading and off-loading purposes.
- m) No recruiting of labour, casual or otherwise, may be done on the Kendal Power Station premises, including the area outside the Kendal Power Station main security gate.

Health and Safety:

2.1.Plant Safety Regulations:

- a) Eskom Holdings SOC Limited, on request from the Contracting Party, isolates required plant from all sources of danger as described in the Plant Safety Regulations
- b) Eskom Holdings SOC Limited, on request from the Contracting Party, makes available a copy of the latest revision of the Plant Safety Regulations to the Contracting Party.
- c) The Contracting Party conforms to all rules and regulations applicable to Plant Safety and completes the Workman's Register prior to working on the plant.

2.2. Fire Precautions:

- a) Any tampering with Eskom Holdings SOC Limited's fire equipment is strictly forbidden.
- b) All exit doors, fire escape routes, walkways, stairways and stair landings and access to electrical distribution boards are kept free of obstruction and are used for work or storage at any time. Fire fighting equipment remains accessible at all times.
- c) In case of fire, report the location and extent of the fire to the Kendal Power Station Electrical Operating Desk at 6795/6/7.
- d) Take the necessary action to safe guard the area to prevent injury and spreading of the fire.

2.3. Reporting of accidents:

Eskom Holdings SOC Limited follows an accident prevention policy that includes the investigation of all accidents involving personnel and property. This is done with the intention of introducing control measures to prevent a recurrence of the same incidents. The Contracting Party is expected to co-operate fully to achieve this objective. The Contractor shall notify the client of any incident occurring during the contract period preferable immediately/ before end of the shift and therefore submit the notification of the incident by means of flash report within 24 hours.

NOTE: This report does not relieve the Contracting Party of his legal obligation to report certain incidents to the Department of Labour, or to keep records in terms of the Occupational Health and Safety Act, and Compensation for Occupational Injuries and Diseases Act and Eskom incident management procedure 32-95.

2.4. Speed limit:

All vehicles are driven with due consideration for personnel and property. A maximum speed limit of 40 km per hour is adhered to on the Kendal Power Station premises at all times.

2.5. Health and Safety Arrangements:

- a) The Contracting Party ensures that all his personnel attend a Health and Safety Induction Course prior to starting with the work. A SHEQ induction session is provided by Eskom Holdings SOC Limited and is valid for the duration of one- (1) year.
- b) The Contracting Party complies with the guidelines set out in the provided SHE specification. The Contracting Party shall submit a health and safety file to the client for evaluation and approval by the Safety Risk Department before taking access of the areas associated with his place of work.
- c) Kendal Power Station Safety Risk Management reserves the right and authority to visit and inspect the Contracting Party's workplace or site establishment to ensure that tools, machinery and equipment comply with the minimum safety requirements.
- d) The contract person representing Eskom Holdings SOC Limited may instruct the Contracting Party to stop work, without penalty to Eskom Holdings Limited, where the Contracting Party's personnel fail to conform to safety standards or contravene health and safety regulations. The contract person representing Eskom Holdings SOC Limited may cause the Contracting Party to discipline his employees and to submit a disciplinary action report to Eskom Holdings SOC Limited. The Contracting Party implements additional health and safety precautions where necessary.
- e) The following Health & Safety requirements are also complied with:
 - i) The Contracting Party's proof of registration with the Compensation Commissioner and assessment of payment is verified.
 - ii) The Contracting Party demonstrates that all of his/her employees have been made aware and understand the risks and hazards associated with the type of work or activity to be carried out.
 - iii) The Contracting Party shall ensure that all employees performing work under his management have been trained and are competent to perform any work allocated to them.
 - iv) The Contracting Party demonstrates to Eskom Holdings SOC Limited that he/she is capable of providing adequate free issue (preferably SABS approved) Personal Protective Equipment (P.P.E.) for use by his employees.
 - v) The Contracting Party obtains an Eskom OHS Act section 37(2) agreement to be signed at procurement during the signing of the NEC contract, it is the responsibility of the project manager to ensure that the 37(2) agreement is signed and a copy be kept in the contractor file at procurement.
 - vi) Contractors - the Principal Contractor (Contracting Party) states if the use of contractor/s are envisaged and who the contractor/s are.
 - vii) Noisy equipment and tools - no equipment or tools > 105dB (A) are supplied or used by the Contracting Party.
 - viii) Contractors - the Principal Contractor (Contracting Party) states if the use of contractor/s are envisaged and who the contractor/s are. Proof is provided to Eskom Holdings SOC Limited that the sub-contractor/s has the necessary competence and resources to carry out the work safely and to ensure that the obligation of care to the environment is exercised.
 - ix) The Contracting Party complies with medical examination processes.

2.6. Vehicle and driver safety

All drivers, passengers and pedestrians must obey all vehicle safety requirements in terms of the National Road Traffic Act, Act No 93 of 1996, as amended, including other relevant provincial or local requirements.

Transportation of passengers

- a) The contracting party shall comply with requirements National Road Traffic Act an OHSA act.
- b) All motor vehicles driven / operated by contractors within the contract shall, in all respects, comply with the National Road Traffic Act.
- c) Eskom does not approve the conveying of passengers in the back of vehicles designed to carry equipment/loads (any truck/trailer), irrespective of whether crew cabs are fitted and seating with four-point seat belts is fitted. Eskom procedure 240-62946386.

2.7. Eskom Life Saving Rules:

- a) Five Life Saving Rules have been developed that will apply to all Eskom Holdings SOC Limited employees, agents, consultants and contractors.
- b) Due to the importance to save life's and apparatus of Eskom it is recommended that if a contractor abuse any Life saving rules, the affected work allocated to the contractor will immediately put on hold until final outcome with investigation. Safety is the combined responsibility of the team and therefore team leader or team will be disciplined together. There are five life saving rules that may not be broken by the Team Leader and his/her team.

The five Eskom Life saving Rules are as follows:

- **Rule 1:** Open, Isolate, Test, Earth, Bond, and/or Insulate before touch - that is any plant operating above 1 000 V.
- **Rule 2:** Hook up at heights - no person may work at height where there is a risk of falling.
- **Rule 3:** Buckle up – no person may drive any vehicle on Eskom business and/or on Eskom premises unless the driver and all passengers are wearing seat belts.

Eskom takes a "ZERO TOLERANCE" attitude to drivers and passengers who do not wear safety belts when driving in any vehicle on Eskom Business and/or on Eskom premises. The violation of this very important safety rule as well as any safety rule while performing work for or on behalf of Eskom may result in Eskom terminating your obligation to perform work in terms of your contract with Eskom.

All occupants must wear their safety belts properly, and must never put the shoulder belt under their arm or behind their backs. Drivers and all passengers must buckle-up at all times for the sake of themselves and their families.

- **Rule 4:** Be sober (no person is allowed to work under the influence of drugs or alcohol).
- **Rule 5:** Use a permit to work – where an authorization limitation exists, no person shall work without the required permit to work.

2.8. Thermal and Flash Suits – Personal Protective Equipment (If applicable)

The following Health & Safety requirements are also complied with:

- a) **Policy:**
Generation Policy GGP 36-941 Rev 0 – "SAFETY MEASURES AND APPROVED PROTECTIVE CLOTHING AND PERSONAL PROTECTIVE EQUIPMENT AGAINST THERMAL HAZARDS OF AN ELECTRIC ARC FOR METAL CLAD SWITCHGEAR (UP TO 11Kv) NOT INTERNAL ARC PROOF" was issued in February 2008, and all Generation BU's are to comply with it.

b) Standard:

Standard GGS 36-941 Rev 0 - "SAFETY MEASURES AND APPROVED PROTECTIVE CLOTHING AND PERSONAL PROTECTIVE EQUIPMENT AGAINST THERMAL HAZARDS OF AN ELECTRIC ARC FOR METAL CLAD SWITCHGEAR (UP TO 11Kv) NOT INTERNAL ARC PROOF" was issued in February 2008, and sets out the requirements to ensure safety with this plant.

c) Procedure:

A proper Procedure is required at each Station to ensure that all involved and affected staff are fully aware of the dangers attached to MV and LV Switchgear, and the approved methods of managing the risks involved.

For externally mounted Switchgear, GGS 36-942 prescribes the following standard Flash Protection Boundaries:

FLASH PROTECTION BOUNDRY	
VOLTAGE (VOLTS)	DISTANCE (METERS)
50 TO 750	0.9
750 TO 1,000	1.2
1,000 TO 11,000	4.8

2.9. Plant Safety Regulations - Appointment of a Responsible Person, Appointed Person and/or an Authorised Supervisor (36-681)

The OHS Act states that anyone entering Eskom Holdings SOC Limited's premises must adhere to its set of regulations, i.e. Plant Safety Regulations, as Eskom Holdings SOC Limited is responsible for the Contractor's safety while they are on Eskom Holdings SOC Limited's sites.

It is required that all Contractors must appoint a Responsible Person or an Authorised Supervisor to supervise work done by the Contracting Party.

An Appointed Person can be appointed by the Contracting Party to do isolations if required.

2.9.1. Process to appoint a Responsible Person, Appointed Person and/or Authorised Supervisor

The Contracting Party will identify a person who will represent him as a Responsible Person, Appointed Person and/or an Authorised Supervisor. The Contracting Party may send more than one person for training.

The appointed person/s will be trained by Eskom Holdings SOC Limited. There are two Formal sets of training, i.e. Theoretical Training and Practical Training

2.9.2. Training

i) Practical training

The Contracting Party will send a representative for training to become a Responsible Person, an Appointed Person and/or an Authorised Supervisor to be instructed in the Practical aspects of the plant, Isolations, Plant Identification, Plant systems etc.

ii) Theoretical training

During his practical training period, the representative of the Contracting Party must attend a theoretical course of 5 days for a Responsible Person and 2.5 days for an Authorised Supervisor. From the time that the person has written the Exam for the theoretical test to the time that he must appear before the Authorisation Committee is three months.

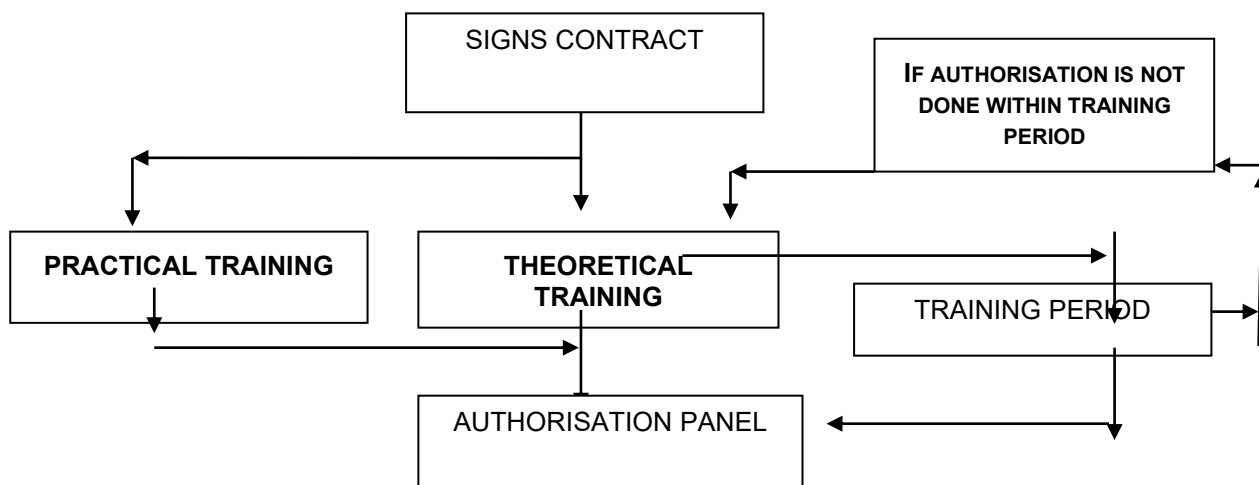
If he does not appear before the Authorisation Committee during the three months, he must redo the theoretical exam.

The duration and cost for Practical and Theoretical training, as a package, will be determined by Ms Matshego Koto (Legislation Instructor – Kendal Power Station).

He can be contacted at +27 13 647 6999, to arrange for training.

The costs will be handled as a compensation event.

2.9.3. Training process



2.9.3.1 Costs related to training

The Contracting Party will be responsible for all costs related to the training. The costs must be shown separately in the price list.

2.9.3.2 Accreditation and validity period and area

A certificate will be issued to the Responsible Person, an Appointed Person and/or an Authorised Supervisor which will be valid for 2 years and it will only be applicable to Kendal Power Station.

If a person who is authorised moves from one Contracting Party to another, his/her authorisation automatically lapses.

2.9.3.3 Contact Person - Kendal Power Station

Ms Matshego Koto (Legislative Instructor - Kendal Power Station) is the custodian at Kendal Power Station for the above training and accreditation and he can be contacted at Tel +27 13 647 6999.

No work will be done at Kendal Power Station by the Contracting Party if she did not appoint an accredited Responsible Person for Kendal Power Station.

2.10. Authorisation of contractors in term of ORHVS (Operating Regulations for High Voltage Systems) and PSR (Plant Safety Regulations):

Eskom Holdings SOC Limited employs many contractors to work not only on new installations but to a greater extent on existing plant and networks and the contractors are therefore required to comply with Eskom Holdings SOC Limited's relevant regulations.

To enable contractor's staff to be authorized as responsible persons or other authorizations in terms of the ORHVS, PSR, and Directive ESKADAAU4 there has been much speculation as to what the requirements are in terms of the OHS act.

In order to clarify these issues, many discussions with our Legal department and consulting advocates had taken place and the following are minimum requirements to ensure that reasonable steps are taken.

1. It is absolutely necessary at the outset to stipulate in the tender documents what the requirements are in terms of the ORHVS and PSR. These requirements must include (inter alia):
 - Competencies required of the contractor or their employees.
 - What knowledge of the ORHVS and PSR parts thereof, is required by the relevant persons.
 - The scope of the contractor's responsibilities in terms of any authorizations.
 - What the contractor will be required to satisfy with respect to the requirements of the OHS Act.

2. Contracts shall include:
 - In terms of Section 37(2) of the OHS Act an agreement to ensure compliance by the mandatory with the provisions of the Act. It is not possible to quote a single standard that will cater for all contracts, each contract shall be handled on a case by case basis.
 - The above-mentioned requirements that were requested in the call for Tender.
 - The contractor's person designated in terms of Section 16 of the Act. The contractor shall also declare in writing their employees competent in terms of the relevant requirements.
3. Once a contract is awarded, the Eskom Holdings SOC Limited person designated in terms of the General Machinery Regulation 2, shall ensure the following before work in terms of the ORHVS and PSR is done.
 - The contractor or their employees shall be evaluated against the scope of authorization.
 - The Eskom Holdings SOC Limited regulations applicable to the scope of the work to be done shall be handed to the contractor. Depending on the nature of the contract it may be beneficial for the contractors person/s requiring authorization to attend the relevant formal regulation course.
 - With regard to the actual authorization the contractor shall declare in writing their Section 16 appointee competent and define the extent of his responsibility. The Eskom Holdings SOC Limited GMR2 appointee shall approve the acceptability of the contractor's Responsible Person (Section 16 appointee) or shall authorize any other duties in terms of the ORHVS and PSR
 - All authorizations shall be for specific contracts and limited to a specific time frame.
 - Notwithstanding the Section 37(2) agreement that was concluded between Eskom Holdings SOC Limited and the contractor, Eskom Holdings SOC Limited is not absolved from a "Duty of Care" requirement over the "mandatory". This implies that for example, when contractors are working on, or in close proximity to Eskom Holdings SOC Limited's live apparatus they shall be supervised to the extent of what would be considered reasonable.

2.11. Barricading / Screens and Scaffolding:

The Contracting Party provides and installs barricades and warning devices to ensure that equipment and persons are not exposed to danger or to prevent access to dangerous areas. Eskom Holdings SOC Limited supplies scaffolding. Arrangements of such is made at least one- (1) week in advance by the Contracting Party. (Tampering of any approved scaffold is not allowed for any adjustments – The contract person representing Eskom Holdings SOC Limited is notified for any adjustments.

2.12. Asbestos (if applicable):

- a) All stripping of asbestos material shall be undertaken strictly in accordance with the Kendal Power Station management of asbestos and asbestos containing material work *1018298 and other relevant standards and updates, with special reference to the asbestos regulations according to the Occupational Health and Safety Act number 85 of 1993.
- b) The contract person representing Eskom Holdings SOC Limited advises the Contracting Party whether areas that are to be stripped of lagging have been identified as containing asbestos. If the Contracting Party is not sure whether lagging contains asbestos, he is to notify Safety Risk Management who will identify whether the lagging contains asbestos.
- c) The Contracting Party shall be obliged to ascertain from the contract person representing Eskom Holdings SOC Limited in advance whether areas required to be stripped are non-asbestos. Any contractor, other than the contractor appointed to remove asbestos shall strip lagging material containing asbestos fibres.
- d) The contractor appointed to remove asbestos, may not begin removal without first obtaining the necessary permission from the Inspector of Labour and Risk Management.

3. Construction/ Erection/ Maintenance work on site:

- a) The Contracting Party is responsible for the provision of all or any temporary or expendable materials required allowing for storage of material.
- b) The Contracting Party is responsible for the safeguarding, care and security of all items whilst in the Contracting Party's custody and control, until completion of the work.
- c) The Contracting Party is responsible for all craneage and equipment that is required to complete the work.

- d) The Contracting Party is responsible to check and verify correctness of civil work installed by others prior to commencement of installation/erection.
- e) The Contracting Party is responsible for the repair, replacement or correction as necessary of any and all items of plant and/or materials supplied by Eskom Holdings SOC Limited, which are damaged and/or lost while in the Contracting Party's custody and control.
- f) The site where the work was done must be clean when the Contracting Party leaves Eskom's premises.

5. Use of Eskom Holdings SOC Limited's Tools and Equipment:

- a) For the purpose of expediting the work, Eskom Holdings SOC Limited may make facilities and services available to the Contracting Party at no cost to the Contracting Party. The Contracting Party will not receive any reimbursement or make any change to the beneficial use of the facilities or services.
- b) Eskom Holdings SOC Limited may allow the Contracting Party, for the execution of the work, the reasonable use of its workshop, cranes, tools and equipment, provided that the Eskom Holdings SOC Limited's own work and business are not interfered with in any manner by such use. The Contracting Party shall leave all workshops, cranes, tools and equipment in as good a condition as he found them, fair wear and tear excepted, and shall be liable for any damages as a result of any act of negligence by the Contracting Party, his employees or sub-contractor while using such workshop, cranes, tools and equipment.
- c) The Contracting Party is responsible for the repair, replacement or correction as necessary of all pieces of tools and equipment supplied by Eskom Holdings Limited which are damaged and/or lost whilst in the Contracting Party's custody and control.
- d) The Contracting Party ensures that any one of his employees or subcontractor, operating hoist equipment belonging to Eskom Holdings SOC Limited, is authorised by the Contracting Party.

6. Plant Identification Labels:

The Contracting Party replaces or repairs all plant identification labels that are removed or damaged during the execution of the work.

7. Quality Requirements:

- a) Quality requirements for Engineering and Construction Works QM 58 is adhered to. This document is available on request, from the contract person representing Eskom Holdings SOC Limited.

8. Waste Disposal:

All waste introduced to and/or produced on Eskom Holdings SOC Limited's premises by the Contracting Party for this contract, is handled in accordance with the minimum requirements for the Handling and Disposal of Hazardous Waste in terms of Government Legislation as proclaimed by the Department of Water Affairs and Forestry Act, 1994 Ref: ISBN0621-16296-5.

9. Hazardous substances

If any products used by the Contracting Party are classified as a hazardous substance, Material safety data sheet, must accompany delivery in accordance with the Occupational Health and Safety Act (OHSA), Act 85 of 1993 section 10 and Hazardous chemical substance regulations.

If any hazard is identified by the Contracting Party, he immediately informs the contract person representing Eskom Holdings SOC Limited.

The Contracting Party must make sure that hazardous waste is not dumped in improper areas at the Station, it should be handled according to the above Act. The site where the work was done must be clean when the Contracting Party leaves Eskom's premises.

10. Environmental Requirements:

The Contracting Party ensures that the following environmental requirements are complied with at all times:

- Environmental Management System (ISO 14001, 2015)
- Kendal Waste and Recycling Management Work Instruction (*1024102). All waste must be disposed in a legal manner and environmental department must be provided with a waste manifest and safe disposal certificate.
- Non-Conformance, corrective and preventive Action *1017357.

- Environmental Legal and other requirements *1015685.
- Environmental communication *1015692.
- Environmental Management procedure for contractors *1018332.
- The contractor must have an oil spill kit on site and a trained person in oil spillage management.
- The contractor must provide the department with Environmental file which must be checked and approved by environmental department before the contractor can start to work.
- The contractor must report any Environmental incident immediately to environmental department.
- No water shall be drained into the clean water dam/ storm water drains.

11. Contracting Party terms and conditions of employment

The terms and conditions of employment of the Contracting Party is made available to the contract person representing Eskom Holdings SOC Limited before any work commences.

12. Rigging, working at elevated places and with mobile equipment (if applicable)

The Contracting Party ensures that:

- a) all the necessary resources (people, materials and tools, etc) are available.
- b) all his employees who are appointed in terms of the OHS Act are trained and made aware of their legal liabilities (16(2)'s, etc).
- c) all supervisors and drivers are trained in the HIRA technique of risk assessment.
- d) where applicable, special tools/auxiliary equipment such as tractors, trailers, cranes and any mobile equipment are inspected and declared fit and roadworthy for the task at hand.
- e) adequate Risk Assessments are conducted in advance to identify all the anticipated hazards associated with the task/activity. Special attention is given to rigging, working at elevated places and with mobile equipment.
- f) pre-job briefs are conducted before commencement of the planned activities. The detail of the task and the details of the anticipated hazards are explained and mitigation measures are understood by all.
- g) during the task execution regular job observations by the incumbent supervisor takes place, especially where high risks had been anticipated.
- h) for each task/activity the relevant Procedure/Works Instruction is current and approved.

13. Accommodation:

Eskom Holdings SOC Limited does not supply accommodation. The Contracting Party provides accommodation for his employees and the cost for this is deemed to be included in the contract prices.

14. Messing Facilities:

Eskom Holdings SOC Limited does not provide meals. The Contracting Party provides meals for his employees and the cost for this is deemed to be included in the contract prices. However, the Contracting Party can make use of the Tuck-shop on site.

15. Medical Facilities:

Eskom Kendal Power Station Medical Centre and Ambulance assistant facilities are available for incidents occurring within Kendal Power Station Boundaries.

Eskom Kendal Power Station Medical Centre is entitled however to recover the reasonable costs incurred in respect thereof from the Contracting Party.

After-hours all incident must be reported to Kendal Power Station Electrical Operating desk 013 647 6795, Internal Pax 7911.

16. Scrap Removal

Scrap bins are provided at set points. These are for scrap metal only and not for cement or any other form of debris. The Contracting Party takes cognizance of the fact that scrap metal and rubber are stored in two different locations.

17. Irregularities

In accordance with Eskom's Directive "ESKADABK9 - Protecting Disclosure of Crime and Irregularities in the Workplace", the Contracting Party is encouraged to report any crime and irregularities in accordance with the provisions of the Protected Disclosures Act 26 of 2000 as follows:

1. You may direct any concerns or process related queries, in writing, to the Kendal Power Station Manager.
2. Kindly include the following information with your concerns:

- 2.1: Enquiry or Purchase orders number (if available).
- 2.2: Date of enquiry or purchase order.
- 2.3: Name of person or buyer.
- 3. Contact details of the Kendal Power Station Manager is as follows:
Kendal Power Station
The General Manager
Ms Tshepiso Temo
Private Bag X7272
Witbank
1035 Mpumalanga
Fax: 013 647 9115
- 4. Alternatively, to disclose any concerns or process related queries you may contact:
Eskom's Corporate Investigations and Security
Phone toll free: 0800 11 27 22
Speak to a person: (011) 800 4444
Via the Internet: ciands@eskom.co.za

All information will be handled and dealt with extreme confidentiality.

18. Abuse of alcohol and/or intoxicating substances

Eskom Kendal Power Station will test the Contracting Party's employees for being under the influence of alcohol and/or intoxicating substances on an ad hoc basis. The Contracting Party informs his employees that such behaviour is in contravention of the Occupational Health and Safety Act and Eskom Life Saving Rules Procedure (Rule 4 :Be Sober). The Contracting Party shall enforce compliance to these rules and implement disciplinary measures where the rules are contravened. Should such behaviour persist, Eskom Holdings SOC Limited reserves the right to review this contract. The Contracting Party's co-operation in this regard is paramount.

19. Assessment and Invoicing

To enable payment, the Contracting Party ensures conformance to the following:

- An official 4500..... Order Number is available BEFORE commencing work.
- An assessment is jointly completed by the contract person representing Eskom Holdings Limited and the Contracting Party and that they are in agreement on at least the following:
 - * Completed scope
 - * Completed quantity
 - * Value of work completed
- Preparation of an invoice in accordance with the assessment and deliver it directly to the Accounts Payable Department at the Commercial Building, Kendal Power Station.
- A copy of the invoice is forwarded to the contract person representing Eskom Holdings SOC Limited.

Invoices - Value-Added Tax Act No 89 of 1991 (the VAT Act)

A valid invoice is an invoice that corresponds per line to the applicable valid order, complies with all tax law requirements and is addressed to Eskom Holdings SOC Limited for attention, Kendal Power Station.

Particulars to be included on the Contracting Party's Tax Invoice:

Contract number and/or Order number

The word "TAX INVOICE" in a prominent place (preferably at the top of the page)

An individual serial number (tax invoice number)

Name, address and VAT registration number of the Contracting Party *

Name, address and VAT registration number of Eskom Holdings SOC Limited *

(Eskom Holdings SOC Ltd, Kendal Power Station - VAT No 4740101508)

Date of issue of Tax Invoice

A full and proper description of goods delivered and/or service/s rendered

Quantity or volume of goods or services supplied *

Where the supply is subject to VAT at the standard rate, the following in Rand:

- The value, VAT amount and consideration OR
- The total consideration with a statement that VAT is included @ 15% OR
- The total consideration and the amount of VAT charged

Address where service was rendered

Value and VAT amount

Task Order number

Discounts

- * These two requirements do not apply where the consideration (VAT inclusive amount) is less than R3 000,00.

Scanned tax invoices sent by e-mail are not acceptable to Eskom Holdings SOC Limited- only original tax invoices are considered for payment.

Address where invoices are to be forwarded

invoiceseskomlocal@eskom.co.za

20. Cost Price Adjustment (CPA) implementation

If CPA is applicable, the contract person representing Eskom Holdings SOC Limited and the Contracting Party confirms the increase/decrease with the buyer BEFORE the revised prices are stated on the Invoice.

21. Invoice price versus order price

It is important that the value stated on the Invoice corresponds with the Order. If the Invoice value is different to the Order value payment is likely to be delayed. The Contracting Party confirms that there are no discrepancies on the Invoice to ensure timely payment in accordance with the contractual terms of payment. Any discrepancies are resolved by the Contracting Party with the Buyer BEFORE it is submitted for payment.

22. Labour

All labour laws must be adhered to.